

## 2. The Swiss Systematics Society (SSS): The future of scientific communication in biodiversity science.

**Convener:** Donat Agosti ([agosti@plazi.org](mailto:agosti@plazi.org))

[Abstracts as pdf](#)

Sciences are undergoing a huge change in the digital age. This results in new research areas and results, also in systematics, and in new ways of communicating both the results and the underlying research process. This session will draw on a range of examples from across the biodiversity sciences to address how individual scientists and their institutions can benefit from and contribute to this revolution.

**Thursday, August 17th. Morning session.**

**08.30 – 08.35**

**Introduction**

**08.35 – 08.55**

**Keynote:**

**Donat Agosti<sup>1</sup> and Jeremy Miller<sup>2</sup>:**

***Text and data mining: What it tells us, and what can we learn from legacy literature.***

<sup>1</sup>Plazi, Bern, Switzerland; <sup>2</sup>Naturalis, Leiden, Netherlands and Plazi, Bern, Switzerland.

**08.55 – 09.15**

**Lyubomir Penev<sup>1</sup>:**

***From Open Access to Open Science: Impact on Biodiversity Publishing.***

<sup>1</sup>Pensoft Publishers & Bulgarian Academy of Sciences, Sofia, Bulgaria.

**09.15 – 09.35**

**Viktor Senderov<sup>1,2</sup>, Terry Catapano<sup>3</sup>, Teodor Georgiev<sup>1</sup>, Guido Sautter<sup>3</sup>, Nico Franz<sup>4</sup>, Kiril Simov<sup>5</sup>, Donat Agosti<sup>3</sup>, Lyubomir Penev<sup>1,2</sup>:**

***The OpenBiodiv Knowledge System: The Future of Access to Biodiversity Knowledge.***

<sup>1</sup>Pensoft Publishers, Sofia, Bulgaria; <sup>2</sup>Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria; <sup>3</sup>Plazi, Bern, Switzerland; <sup>4</sup>School of Life Sciences, Arizona State University, Tempe, USA; <sup>5</sup>Institute of Information and Communication Technologies, Sofia, Bulgaria.

**09.35 – 10.00**

**Brian Fisher**<sup>1</sup>, Sandor Csozsz<sup>2</sup>, Lyubomir Penev<sup>3</sup> and Pavel Stoev<sup>3</sup>:

***Species conservation profiles and taxonomic revisions.***

<sup>1</sup>California Academy of Sciences, San Francisco, USA; <sup>2</sup>Hungarian Natural History Museum, Budapest, Hungary;  
<sup>3</sup>Pensoft, Sofia, Bulgaria.

**10.00 – 10.30**

**Break**

**10.30 – 10.50**

**Christian Kropf**<sup>1</sup>:

***The World Spider Catalog as a model for rapid delivery of taxonomic data.***

<sup>1</sup>Naturhistorisches Museum der Burgergemeinde Bern, Bern, Switzerland

**10.50 – 11.10**

Gerwin Kasperek<sup>1</sup>, Alexander Mehler<sup>2</sup>, Angela Hausinger<sup>1</sup>, **Thomas Hörnschemeyer**<sup>3</sup>:

***BIOfid – a new Specialised Information Service for organismic biodiversity research.***

<sup>1</sup>Universitätsbibliothek J. C. Senckenberg, Frankfurt a. M.; <sup>2</sup>Goethe-Universität, Frankfurt a. M.

<sup>3</sup>Senckenberg Gesellschaft für Naturforschung, Frankfurt a. M.

**11.10 – 11.30**

**Philipp Bhatt**<sup>1</sup>, Peter Grobe<sup>1</sup>, Lars Vogt<sup>2</sup>, Roman Baum<sup>2</sup>, Christian Köhler<sup>1</sup>, Sandra Meid<sup>2</sup>, Björn Quast<sup>1</sup>:

***Development of new user-interface modules for biodiversity systems to ease the workflow of morphological descriptions.***

<sup>1</sup>Zoologisches Forschungsmuseum Alexander Koenig, Bonn, Germany; <sup>2</sup>Rheinische Friedrich-Wilhelms-Universität, Bonn, Germany.

**11.30 – 12.00**

**Discussion**